TUFEGDZIC, V.

Malaia e.

Testing cement by the plactic mortar method. 11. p 990. TEHNIKA (Savaz inzenjera i techicara Jugoslacije) Beograd. Vol. 11, no. 7, 1956

SOURCE: East Europe Accessions Lists (EEAL), Library of Congress, Vol.5, no. 11, Nov. 1956

TUFEDDZIG-IJALJEVIC, Jasmina, dr.

Functional investigation of the pancreas. Med. glasm. 14 no.2:
73-74 F '60.

1. Interna klinika "A" Medicinskog fakulteta u Beogradu, Upravnik:
prof. dr Bran. Stanojevic.
(PANCHRAS physiol.)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410004-2"

PROTIC-HLUSICKA, Desanka; TUFEGDZIC-LJALJEVIC, Jasmina

An atypical case of hemochromatosis. Srpski arh. celok. lek. 91 no.1:69-72 Ja 163.

1. Interna klinika A Medicinskog fakulteta Univerziteta u Beogradu Upravnik: prof. dr. Branislav Stanojevic. (HEMOCHROMATOSIS)

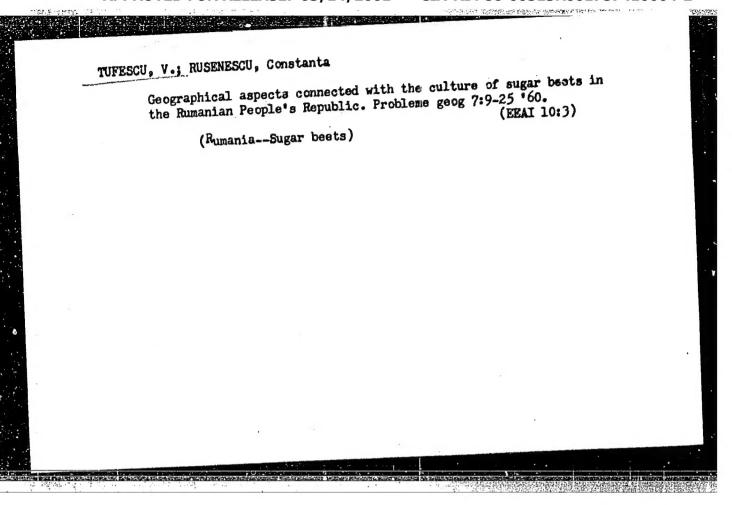
DJURIC, Dusan S.; TUFEGIZIC LJALJEVIC, Jasmina; SPASOJEVIC, Ljubodrag

Hepatogenic diabetes. Srpskt arh. celok. lek. 91 no.1:7-15

Ja '63.

1. Interna klinika A Medicinskog fakulteta Univerziteta u

Beogradu Upravnik: prof. dr. Branislay Stanojevic.
(LIVER DISEASES) (DIABETES MELLITUS)



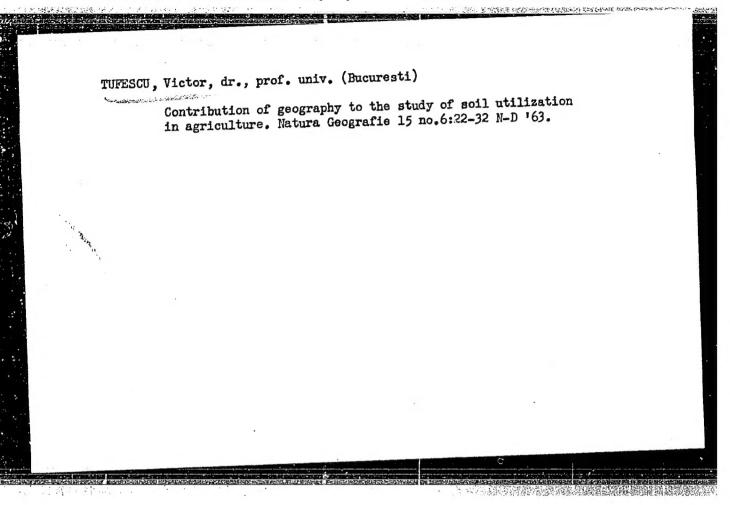
TUFECCU, V.

GEOGRAPHY & GEOLOGY

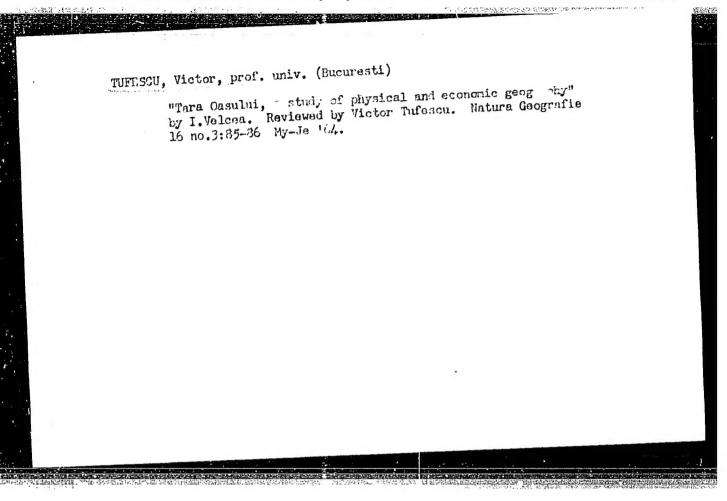
Periodicals STUDII SI CERCETARI DE GEOLOGEE GEOGRAFIE vol. 8, no. 1/2, Jan./June 1957.

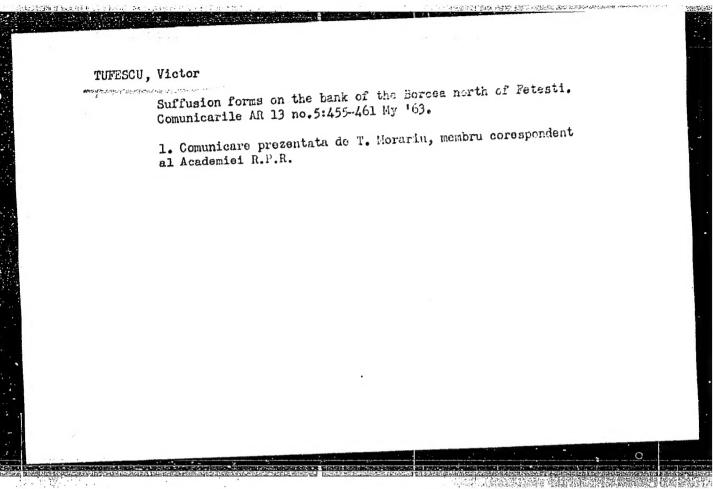
TUFESCU, V. The growth of population in Rumanian towns in 1948 - 1956. p. 55.

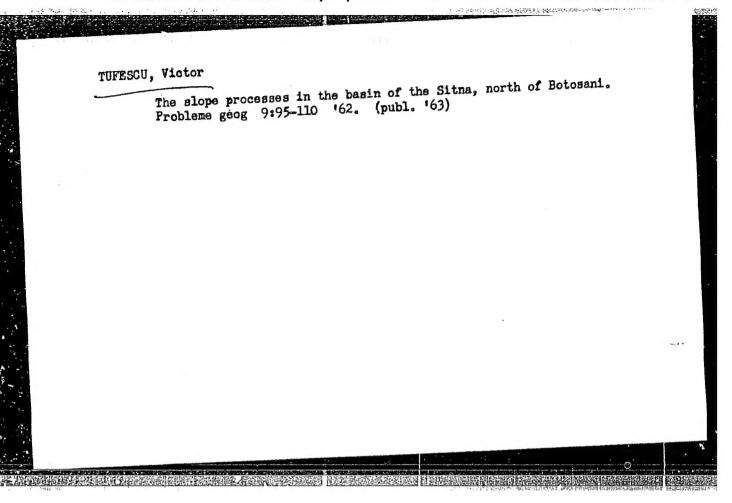
Wonthly List of East European Accessions (EEAO) IC. Vol. 8, No. 3, 3 Hop 1959, Unclass.



APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410004-2"







The slope processes in the environs of the town of Brad (Mintil Apuseni). Commicarile AR 12 no.5:589-596 My '62. 1. Commicare prezentata de T.Morariu, membru corespondent al Academiei R.P.R.

TUFFSCU, V.

TUFFSCU, V. The geomorphology of the Cibin River valley. p. 565.

Vol. 70 (i. e. 71) No. 9, Sept. 1956

REVISTA PADURILOR

Vol. 70 (1. e. 71)

REVISTA PADURILOR

AGRICULTURE

Bucuresti, Rumania

So: East European Accession, Vol. 6, No. 2, Feb. 1957

OSIPOV, Lev Georgievich, kandidat tekhnicheskikh nauk; TUFFEL', N.A.
OSIPOV, Lev Georgievich, kandidat tekhnicheskikh dotsent, retsenzent; THEPENERKOV, R.I., kandidat tekhnicheskikh dotsent, redsktor; TUMAKKIN, D.M., inzhener, redsktor; TOKER, A.M.
tekhnicheskiy redsktor.

[Building] Stroitel'nee dele. Izd.2-se perer. Moskva, Gos.izd-ve
lit-ry pe stroitel'stvu i arkhitektura, 1955. 390 p. (MLRA 9:1)
(Building)

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"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757410004-2

6999-66 ENT(1)/ENA(h) TO ACC NR. AP5026815

SOURCE CODE: UR/0286/65/000/017/0094/0094

AUTHOR: Tuflin, E. K.

28

ORG: none

TITLE: A device for automatically checking the working order of a group of operational amplifiers with an address-type light signal to show the position of a defective amplifier. Class 42, No. 174448

SOURCE: Byulleten' izobreteniy i tovarnyky znakov, no. 17, 1965, 94

TOPIC TAGS: reliability engineering, circuit reliability

ABSTRACT: This Author's Certificate introduces a device for automatically checking the working order of a group of operational amplifiers with an address-type light signal to indicate the position of a defective amplifier. The unit is designed in such a way that computer operation is not interrupted while the amplifier is being moditored. The design also provides for improved reliability of the monitoring circuit. A breakdown in the monitoring circuit has no effect on the working capacity of the amplifiers when the potential of the summing point for the amplifier being checked is raised to the maximum permissible level. The device contains a sensitive kipp relay connected to the summing point by electronic switches. This relay produces the "out of order" signal. An electronic commutator is used for controlling the electronic switches and connecting the aignal lamps.

UDC: 621.375 : 681.142.07

SUB CODE: EC/

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SUBH DATE: 17Aug63/

ORIG REF: 000/

OTH REF: 000

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757410004-2

ACC NR: AP6025663

SOURCE CODE: UR/0413/66/000/013/0130/0131

INVENTOR: Vzorov, M. I.; Kritsyn, A. L.; Tuflin, V. F.

ORG: None

TITLE: Thermal pressure controller. Class 47, No. 183551

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 13, 1966,

130-131

TOPIC TAGS: pressure regulator, valve, command system, aircraft cabin equipment

ABSTRACT: This Author's Certificate introduces a command pressure controller for pressure regulating systems in airtight aircraft cabins based on Author's Certificate No. 146981. The accuracy of the control unit is improved by using a correction assembly with a cavity which is divided into two chambers by a spring-loaded diaphragm with a rigid center. A valve is mounted in the chamber below the diaphragm. The chamber communicates with the atmosphere through a fixed throttle. The valve is fixed to the rigid center of the diaphragm and covers the channel passage which joins the chamber below the diaphragm with the pressurized cabin. The chamber above the diaphragm communicates with the atmosphere through a controlled throttle, and with the cabin through a fixed throttle.

SUB CODE: 01,13/ SUBM DATE: 12Ju165

Card 1/1

UDC: 621.646 629.13.01/06

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Abs Jour

AUMANIA/Electronics - Electron Optics.

1 Ref Zhur Fizika, No 10, 1959, 23023

: Tig lea, Andrei Annual Control Secretary (Sec. Sec.) (1997) White Sec. Author

: Polytechnic Institute, Bucharest, Rumania Inst

: More Exact Approximation of the Distribution of the Title

Potential and the Field Intensity on the Axis of an

Electron Lens.

: A tomat si electron., 1958, 2, No 1, 23-29 Orig Pub

: Analytic expressions were obtained for the distrib tion Abstract

of potential and field intensity on the axis of an electron lens, made p of two coaxial cylinders of equal diameters. It was ass med in the derivation that the cylinders have a finite length. A more exact approximation of the distribution was obtained for large gaps bet-

ween the cylinders, and the errors in this case amount

Card 1/2

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RUMANIA/Electronics - Electron Optics.

Abs Jour : Ref Zhur Fizika, No 10, 1959, 23023

to less than 3%.
Bibliography, 10 titles.

Card 2/2

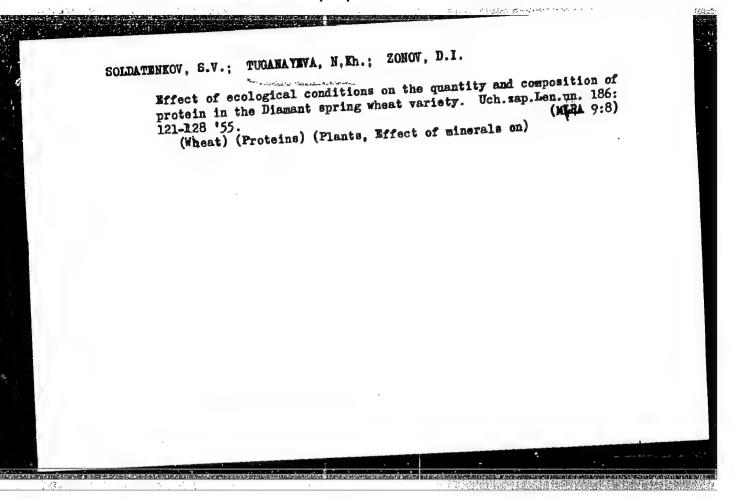
- 64 -

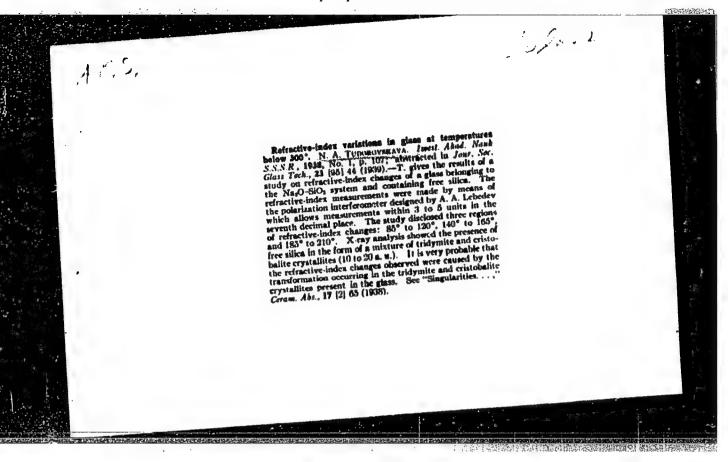
YEFTMOVA, T.P.; TUGANAYEV, V.V.

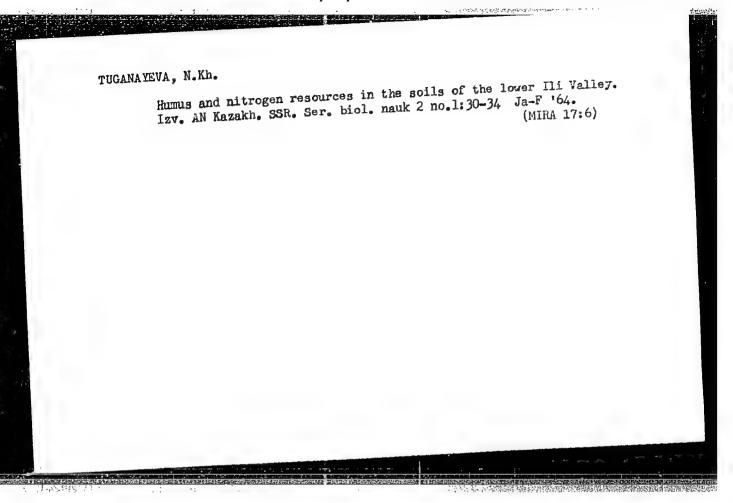
Some species of plants rare and new in the flora of Udmurtia. Bot. zhur. 49 no.12:1797-1798 D 64 (MIRA 18:2)

1. Udmurtskiy gosudarstvennyy pedagogicheskiy institut, Izhevsk.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410004-2"







TUGANAYEVA, N.Kh.

Speed of accumulation and decomposition of the root mass of alfalfa.

Izv. AN Kazakh.SSR. Ser. bot. i pochv. no.2:72-84 '61.

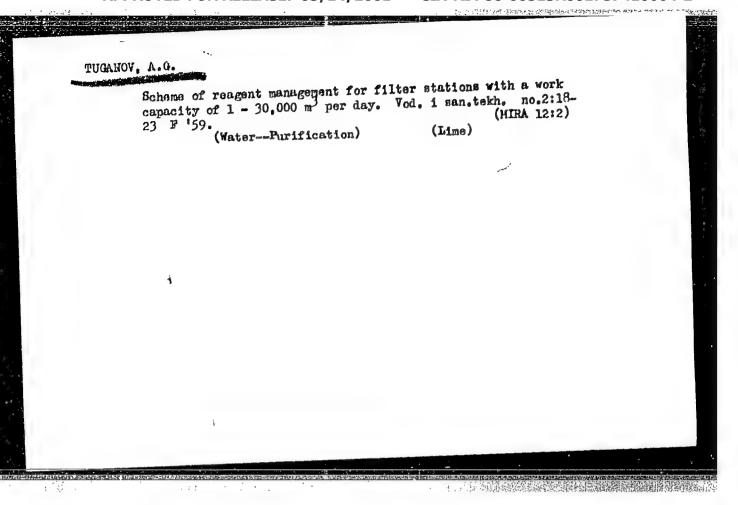
(Alfalfa) (Roots (Botany))

TUGANOV, A.G.

Technical and economic comparison of ordinary rapid filters and the filters of the Rostov Scientific Research Institute of the Academy of Communal Economy. Vod. i san. tekh. no.8:

(MLRA 9:10)

(Filters and filtration)

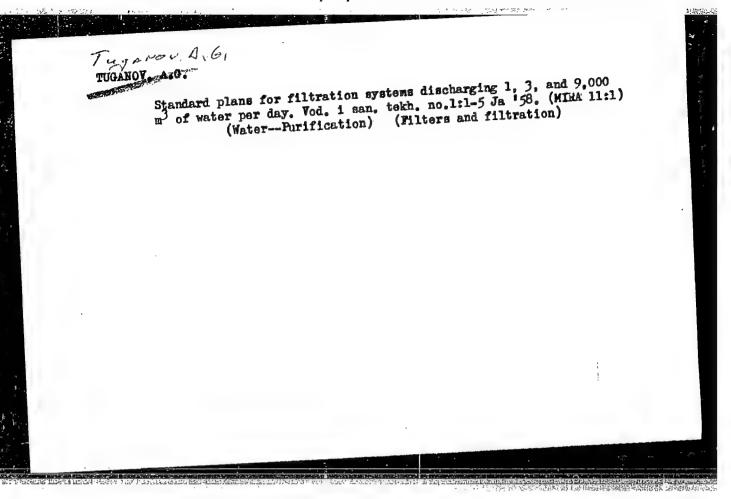


KOLOTOV, N.I.: TIGANOV, A.G.: ROMANOV, G.A.

KOLOTOV, N.I.: TIGANOV, A.G.: ROMANOV, G.A.

On the problem of selecting structural parts for water clarifying apparatus with suspension sedimentation. Vod. i san.tekh. no.4:12
(MLRA 8:12)

(Water--Purification)



TUGANOV, D.G.; MAKSIMOV, G.A., aspirant

Practices in raising young cattle for meat in Vurnary District.

Zhivotnovodstvo 22 no.7:33-38 '60. (MIRA 16:5)

1. Predsedatel' Vurnarskogo rayonnewo ispolnitel'nogo komiteta (for Tuganov). 2. Vsesoyuznyy nauchno-issledovatel'skly institut ekonomiki sel'skogo khozyk stva (for Maksimov).

(Vurnary District—Beef cattle—Feeding and feeds)

8(3) SOV/112-59-4-6858

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1959, Nr 4, p 64 (USSR)

AUTHOR: Tuganov, L. A.

TITLE: Optimum Coverage of Rural Electric Networks of 6, 10, and 35 kv

PERIODICAL: Izv. vyssh. uchebn. zavedeniy. Energetika, 1958, Nr 3, pp 32-39

ABSTRACT: Bibliographic entry.

Card 1/1

TUGANOV, L.A., ingh.

Feeding circuits for loads distributed over an area. Izv.vys.ucheb.

zav.jenerg. no.8:32-40 Ag '58. (MRA 11:11)

1. Ivanovskiy energeticheskiy institut imeni V.I. Lenina.

(Electric power distribution)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410004-2"

一种资料。

TUGANOV, M.S., kand.tekhn.nauk

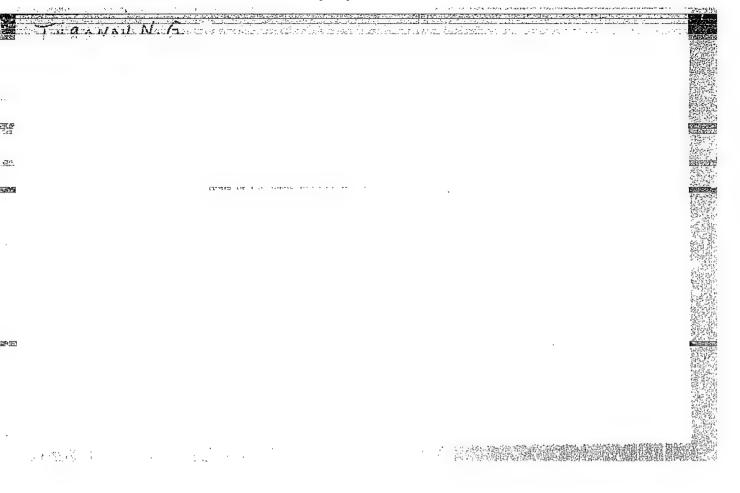
Use of catalog data for determining the parameters of asynchronous short-circuited motors. Vest. elektroprom. 33 no.7:45-48 Jl (MIRA 15:11)

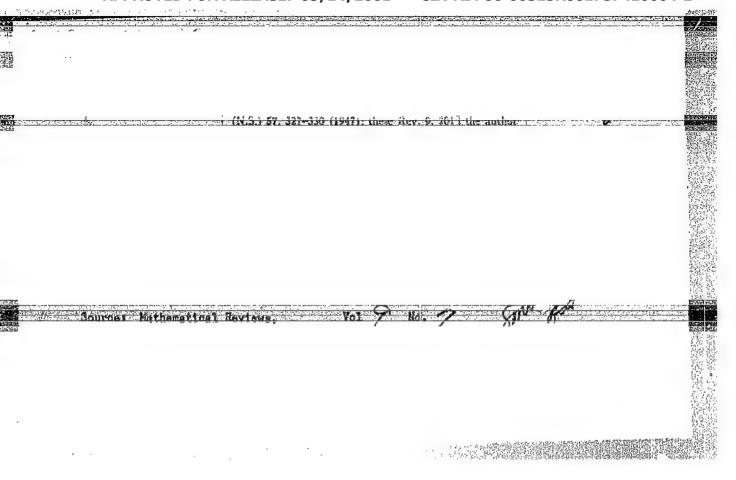
(Electric motors, Induction)

TUGANOV. N. G.

O liniyakh na poverkhnosti, Geodezicheskoye Krucheniye i Normal'naya krivizna kotorykh Syyazany lineynym soctnosheniyem. DAN, 20 (1938), 515-516.

so: Mathematics in the USSK, 1917_1947 edited by Jurosh, A. G., Markushevich, A. I. Rashevskiy, P. K. Moscow-Leningard, 1948





TUGANOV, N. G.

36560. Affinno-bazisnyve lirii ra powerkhnosti. Doklady Akad. Nauk soew, Fovaya seriya, T. lxiz, No. L. 1949. c. 499-502

So: Letopis' Zhurnel'yakh Statey, Vol. 50, Hoskva, 1949



PA 249113 TUGANOV, N. G. 11 Jan 53 USSR /Mathematics - Indicatrices of Surface "The Congruence of Dupin's Indicatrices of a Surface," N. G. Tuganov, Tomsk State DAN SSSR, Vol 88, No 2, pp 217-220 The set of Dupin's indicatrices constructed for all points of a surface form a congruence. The aim of the present article to study subject configuration. Considers the lines of centers on a surface and their equation, the classes of surfaces with the special properties of lines of surfaces, focal lines and focal voids, and the connection with the theory of congruences. Presented by Acad I. G. 249T13 Petrovskiy 13 Nov 52.

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USSR/Mathematics

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Pub. 22 - 3/50

Authora

1 Tuganov. N. G.

Title

t On the congruence of the second order (degree) lines in a three-dimensional

projective space

Periodical : DOK. AN SSSR 100/1, 13-15, Jan. 1, 1955

1924

Abstract 1 The congruence of lines of the second order (sets depending on two real parameters) are considered. The following topics are discussed: 1. construction of a canonical index (bench mark) of the congruent line C2 (complex); 2. a system of equations determining the congruence; 3. focal characteristics of the congruence; μ_* a condition under which two adjacent congruent lines (\mathbb{C}^2) lay (at the limit in the same quadric (or confecal); 5. an osculating linear surface of a preassigned direction of the congruent line C2; 6. an osculating linear complex of the congruence C2 along its linear direction; and 7. an osculating linear congruence. One USSR reference (1948).

Institution: State University at Tomsk

Presented by: Academician P. S. Alexandroff, October 22, 1954

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410004-2

Reinforced concrete open gravity cationite filters. Vod.i san.

(MIRA 13:5)

tekh. no.2:1-5 F '60.

(Filters and filtration) (Feed water purification)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410004-2"

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757410004-2

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(1) 人名 法国内的 数据的问题或是是自己的对面是明显的的数据的证明和证明。

Transactions of the Third All-union Mathematical Congress, Moscow, Jun-Jul '56, Trudy '56, V. 1, Sect. Rpts., Izdatel'stvo AN SSSR, Mosocow, 1956, 237 pp.

Tuganov, N. G. (Tomsk). Congruence of Surface Indicatrices in 3-Dimensional Space.

172-173

TUGANOV, Yevgeniy Nikolayevich; SHEVELKVA, A., red.; PAVLOVA, S.,

[Fraternal Bulgaria] Bratskaia Bolgariia. Moskva, Mosk.
rabochii, 1959. 66 p. (MIRA 12:12)
(Bulgaria--Economic conditions)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410004-2"

一个公司的现在中央的社会的现在分词的对话的复数形式 医神经神经 医自然性神经 化

TUGANOVA. A.M., kandidat meditsinskikh nauk

Labor after corporeal cesarean section. Akush. i gin. 32 no.4: 28-32 Jl-Ag 156. (MIRA 9:11)

Iz akushersko-ginekologicheskoy kliniki (zav. kafedroy - prof.
 S.D.Astrinskiy) Severo-Osetinskogo meditsinskogo instituta.
 (IABOR

conduction after previous cesarean section)
(CESAREAN SECTION
subsequent labor conduction)

EYNIS, V.L.; TUGANOVA, V.Ye.; KOLOSOVSKAYA, V.P.; KCGAN, R.E.

Diagnosis in clinically cured pulmonary tuberculosis. Probl. tub.
41 no.10:21-26 '63. (MIRA 17:9)

TUGANOVA, V.Ye. (Moskva)

Clinical aspects of pulmonary tuberculosis. Fel'd. i akush. 26 (MIRA 14:11)

(TUBERGULOSE)

PURTSVANIDZE, Ch.G.; TUGANOVA, V.Ye.

Closed cavities during prolonged antibacterial therapy under infirmary conditions. Probletub. 38 no.4:41-46 '60.

(MIRA 14:5)

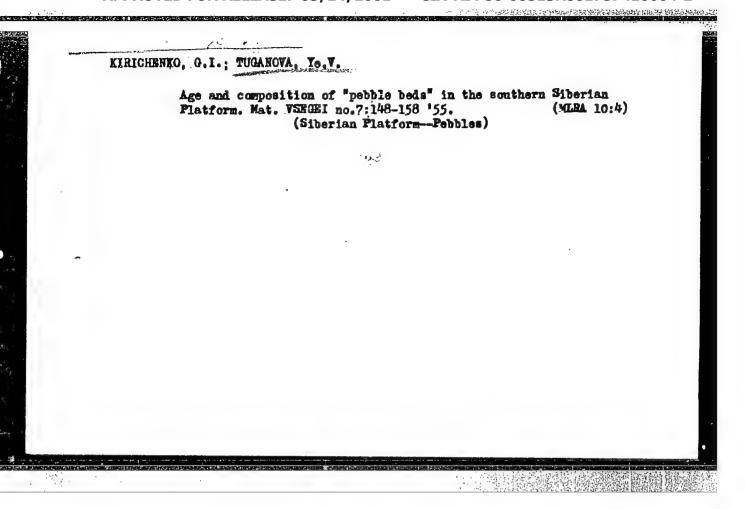
(TUBERCULOSIS)

EYNIS, V.L.; TUGANOVA, V.Ye.; KOLOSOVSKAYA, V.P.

Types of clinical recovery in pulmonary tuberculosis. Probl. tub. no.1:47-52 '62. (MIRA 15:8)

1. Iz 3-go terapevticheskogo otdeleniya Instituta tuberkule...
ANN SSSR (dir. - chlen-korrespondent AMN SSSR prof. N.A. Simmelev)
i Moskovskoy gorodskoy tsentralinoy klinicheskoy tuberkuleznoy
bolinitsy (glavnyy vrach - zasluzhennyy deyateli nauki prof.
V.L. Eynis).

(TUBERCULOSIS)



TUGANOVA, Ye.V.; SHCHEGLOV, A.D.

First scientific session on "Endogenetic ore formations of Siteria and the Far East." Sov. geol. 7 no.9:143-146 S '64.

(MIRA 17:10)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410004-2"

STARITSKIY, Yu.G.; TUGANOVA, Ye.V.

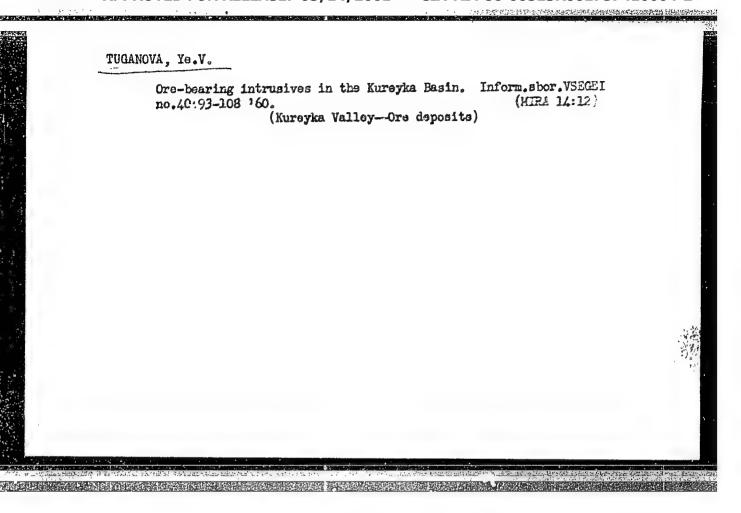
Genetic types of copper-nickel ores in the Siberian Platforn. Geol.
rud. mestorozh. 7 no.1:37-44 Js-F '65. (MIRA 18:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut,
Leningrad.

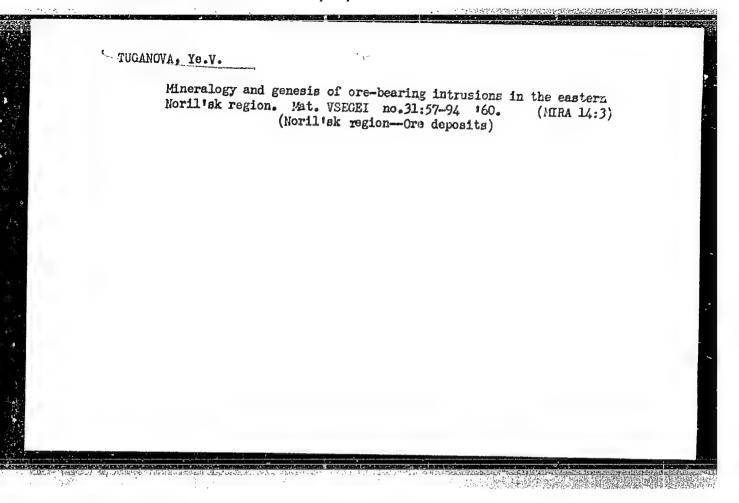
STARITSKIY, Yu.G.; DRAGUNOV, V.I.; TUGANOVA, Ye.V.

Nickel potential of the northwestern Siberian Platform. Mat.
VSECEI no.31:37-44 *60. (MIRA 14:3)

(Siberian Platform-Nickel)



"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410004-2



FILIPPOV, L.P.; TUGAREVA, N.A.; MARKINA, L.I.

Methods for measuring minute fluctuations of high temperatures and their use in determining the heat capacity of metals.

Inzh. fiz. zhur. 7 no.6:3-7 '64. (MIRA 17:12)

1. Gosudarstvennyy universitet imeni V.M. Lomonosova, Moskva.

KRAUSE, Mieczyslaw; TUGANOWSKI, Witold

Changes of the bio-electric activity in ind Vidual fibers of a dying heart. Acta physicl. Pol. 15 no.6:7:5-792 N-D 164

1. Z Zakladu Fizjologii Slaskiej Akademii Medycznej w Zeb zu (kierownikz doc. dr. M. Krause).

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410004-2"

ACC NR: AP7003326 ... SOURCE CODE: PO/0056/66/017/05-/0901/0914

AUTHOR: Tuganowski, Witold -- Tuganovski, V. (Zabrze-Rokitnica)

ORG: Laboratory of Physiology/headed by Docent Dr. M. Krause, Sl. AM, Katowice (Zaklad Fiziologii Sl. AM)

TITLE: Reactivation of bioelectric activity in the pacemaker of a dying mammalian heart

SOURCE: Acta physiologica polonica, v. 17, no. 5-6, 1966, 901-914

TOPIC TAGS: enzyme, physiology, heart, cardiac pacemaker, bioelectric cardiac activity, adrenaline, insulin, glucose, adenosine triphosphate, physiologic saline solution

ABSTRACT: Research was aimed at: 1) obtaining a pacemaker preparation whose energy resources had been exhausted, but whose tissue structure was sufficiently preserved to make spontaneous restitution of bioelectric activity possible after administration of reactivating agents and 2) obtaining a pacemaker preparation in which there is no resumption of activity caused by outside energy sources. Rabbits

Card 1/2

ACC NR: AP7003326

of both sexes were used in the experiment, and 31 samples of pacemaker tissue were prepared according to the method of Paes de Carvalho and associates. Tissue samples were spread loosely over plastic frames placed in double-walled test chambers, each filled with about 15 ml of modified 7,4 Krebs solution (aerated by oxygen) and renewed continuously durint the test. Spontaneous bioelectric activity in the rabbit heart pacemaker, as recorded by intracellular glass microelectrodes ceases 8-12 hours after excision of the tissue. Activity may be restored with adrenaline for a reactivation period lasting from 10 minutes to 2 hours. An adrenaline solution of $10-20\,\mu\text{M}$ concentration was used. It is assumed that adrenaline facilitates total utilization of store 'glycogen present in the preparation. A pacemaker which ceases to function after adrenaline reactivation can be once more revived by application of either glucose plus adrenaline, glucose plus insulin, or ATP [adenosine triphosphate]. Solutions were prepared immediately before the experiment. The second reactivation lasts 4-6 hours. After that period norn.al membrane potentials in the inactive pacemaker can be recorded for up to one hour. This is regarded as evidence of undamaged membrane structure. Arrest of the activity of the preparation despite continued administration of glucose or ATP suggests destruction of enzymes or consumption of substrates indispensable for the synthesis of a hypothetic electrogenic substance. Orig. art. has: 10 figures. [Based on author's abstract] SUB CODE: 06/SUBM DATE: 09Dec65/ORIG REF: 001/OTH REF: 022/ Card 2/2

ACCESSION NR: AP4041067

\$/0170/64/000/006/0003/0007

AUTHOR: Filippov, L. P.; Tugareva, N. A.; Markina, L. I.

TITLE: Measurement of small high-temperature pulsations and their utilization for determining the heat capacity of metals

SOURCE: Inzhenerno-fizicheskiy zhurnal, no. 6, 1964, 3-7

TOPIC TAGS: high temperature pulsation, temperature pulsation measprement, photoelectric measurement method, thermionic measurement method, metal heat capacity, heat capacity measurement

ABSTRACT: A photoelectric method of temperature determination is described, and the diagram of a circuit with a photomultiplier for measing small pulsations of the temperature of an incandescent filament is shown. Formulas for calculating heat capacity are also given. In the experiments, tungsten wire 0.1 mm in diameter was heated with alternating current at 50 cps. The mean temperature of the wire was determined by measuring its resistance with a d-c potentiometer. The temperature pulsations, measured by means of a circuit with a photomultiplier, were reproducible to within 0.52. Similar results were ob-

ACCESSION NR: AP4041067

tained by the use of a circuit with a photocell. The maximum error in measuring high-temperature pulsation by the photoelectric method was about 7%. Temperature pulsations on the same object measured by the thermionic-emission and photoelectric methods had a maximum difference of 1.6%, and a mean difference of 0.5%. Although both measurement methods produce almost identical results, the photoelectric method has several advantages; for example, deep vacuum is not required, and the method is suitable for materials with a low therminonic emission and for large objects. In the present study, the data obtained by the photoelectric method were readily applicable in determining the heat capacity of tungsten wire in the 1000—2000C range. Orig. art. has: 1 figure and 8 formulas.

ASSOCIATION: Gosudarstvenny*y universitet im. M. V. Lomonosova, Moscow (Moscow State University)

SUBMITTED: 26Jun63

ATD PRESS: 3064

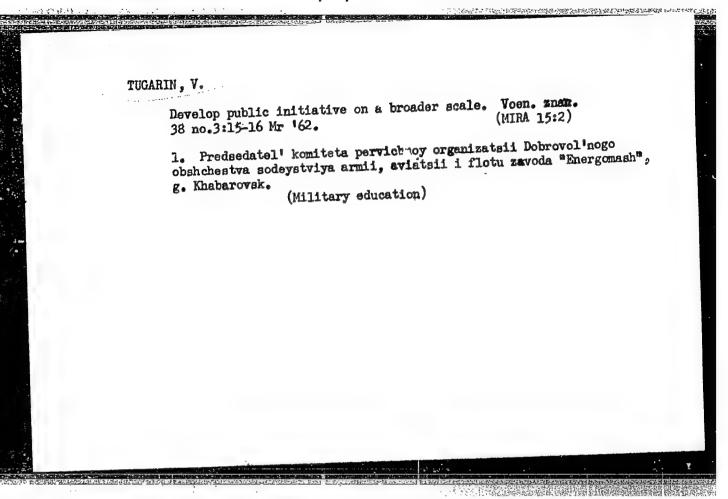
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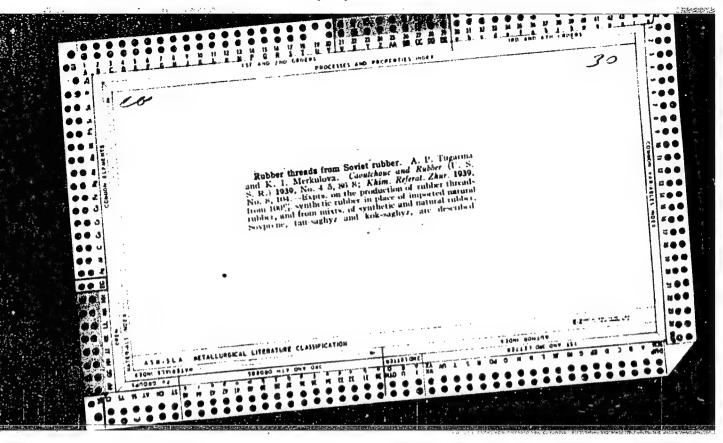
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Card 2/2



"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410004-2



TOPORKOV, I.G.; TUGARINA, P.Ya.

Feeding habits of young whitefishes of Lake Baikal during their
first two years. Trudy Gidrobiol. ab-va. 13:217-224 '63.

(MIRA 16:11)

l. Baykal'skaya biologicheskaya stantsiya Biologecgraficheskogo instituta pri Irkutskom universitete imeni Zhdanova, pos. Listvenichnoye.

TUGARINA, P.Ya.

Some data on the propagation of the white Baikal grayling.
Zool.zhur. 35 no.6:938-939 Je '56. (MIMA 9:10)

1. Kafedra zoologii pozvonochnykh Irkutskogo gosudarstvennogo universiteta.
(Baikal, Lake--Grayling)

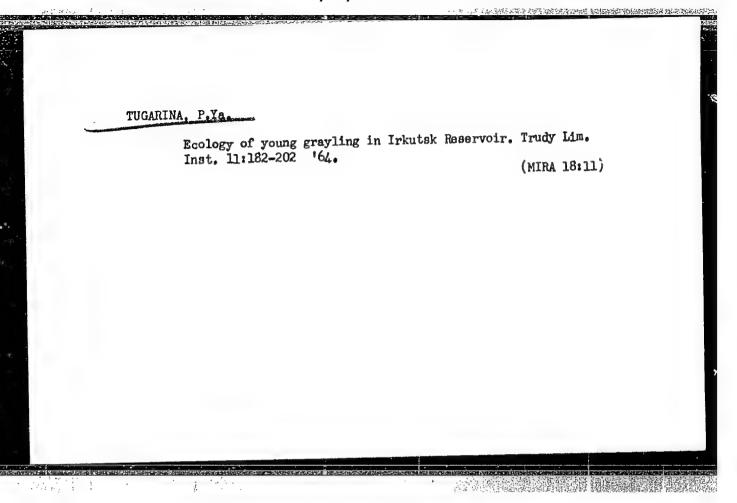
APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410004-2"

TUGARINA, P. Ya.

"The Biological Propagation and Means for Increasing the Number of the White Baykal Umber." Cand Biol Sci, Irkutsk State U imeni A. A. Zhdanov, Min Higher Education USSR, Irkutsk, 1955. (KL, No 13, Mar 55)

So: Sum. No 670, 29 Sept 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410004-2



KOZHOV. M.M., prof., doktor biolog.nauk; MISHARIN, K.I., dotsent, kand. biolog.nauk. Prinimali uchastiyo: TOMILOV, A.A., kand.biolog.nauk; POPOV, P.F., kand.biolog.nauk; YEGOROV, A.G., kand.biolog.nauk; TUGARINA, P.Ya., kand.biolog.nauk; TYUMENTSEV, N.V., nauchnyy sotrudnik; ASKHAYEV, M.G., nauchnyy sotrudnik; NIKOLAYEVA, Ye.P., nauchnyy sotrudnik; KARTUSHIN, A.I., nauchnyy sotrudnik; STEHLYAGOVA, M.A., nauchnyy sotrudnik; KORYAKOV, Ye.A.; SPELIT, K.K., inzh.; ARTYUNIN, I.M., inzh.; OKUNEV, P.M.; SHNIPER, R.I., rabotnik. SHAFIROVA, A.S., red.; SOROKINA; T.I., tekhn.red.

[Fishes and commercial fishing in Lake Baikal] Ryby i rybnoe khoziaistvo v basseine ozera Baikal. Irkutskoe, knizhnoe izd-vo, 1958. 745 p. (MIRA 12:4)

1. Sotrudniki Irkutskogo gosuniversiteta (for Misharin, Tomilov, Popov, Yegorov, Tugarina). 2. Sotrudnik Baykal'skoy limnologicheskoy stantsii Akademii nauk SSSR (for Koryakov). 3. Baykalrybtrest (for Spelit, Artyunin). 4. Gosplan Buryat-Mongol'skoy ASSR (for Shniper). (Baikal, Lake--Fisheries)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410004-2"

TUGARINA, P.Ya.; KHODAREVA, T.A.

Food coefficient and one day's ration of the young of the grayling Thymallus arcticus baicalensis Dyb. Vop. ikht. 3 no.2:414-416 (MIRA 16:7)

1. Biologo-geograficheskiy institut Irkutskogo universiteta.
(Baikal, Lake--Grayling)
(Baikal, Lake--Fishes--Food)

VERNADSKIY, Vladimir Ivanovich, akademik; VINOGRADOV, A.P., akademik, otvetstvennyy redaktor; TUGARIMOV, A.I., redaktor; AUZAN, N.P., tekhnicheskiy redaktor.

[Selectrid works] Isbrannye sochineniia. Moskva, Izd-vo Akademii nauk SSSR. Vol. 1, 1954. 696 p. [Microfilm] (MLRA 8:2)

(Geochemistry)

USER/Geology - Geochemistry

Pub. 22 - 46/63 Card 1/1

Tugarinov. A. I. Authors windshine acceptable to the control of the

Reliability of determining the absolute growth of uranium minerals by the fitle

ratio of lead isotopes

Dok. AN SSSR 99/6, 1061-1063, Dec 21, 1954 Periodical t

Pointing out the misconceptions of American authors regarding the origin abstract

of uranium cres the author states that the most ideal method of determining the absolute growth of this mineral would be the one which utilizes the the absolute growth of this mineral would be the one which utilizes the FD2C7/TD2C5 ratio. It is explosive that the utilization of the above mentaged PD ratio will in me way go rantee against errors. The author sites tioned PD ratio will in me way go rantee against errors. the old rule: the determination of the absolute growth of a certain mineral must begin first if all with its raclogical origin. Two USA references

(1939 and 1954). Table.

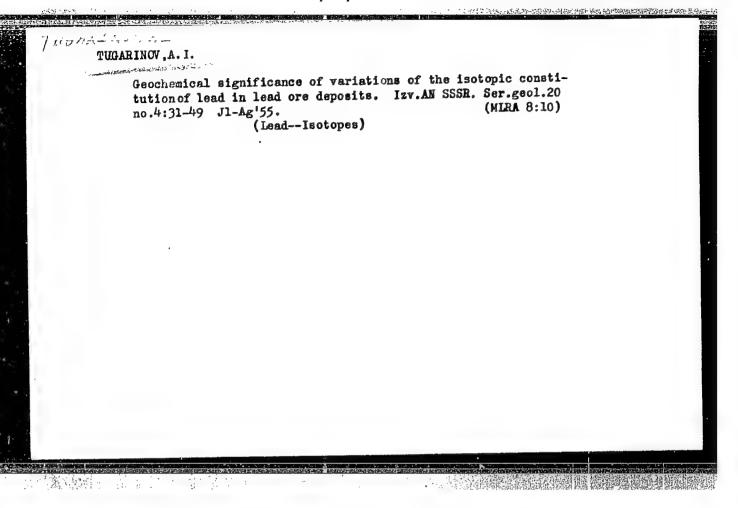
Academy of Sciences USSR. The V.I.Vernadskiy Institute of Geochemistry and Institution :

Analytical Chemistry

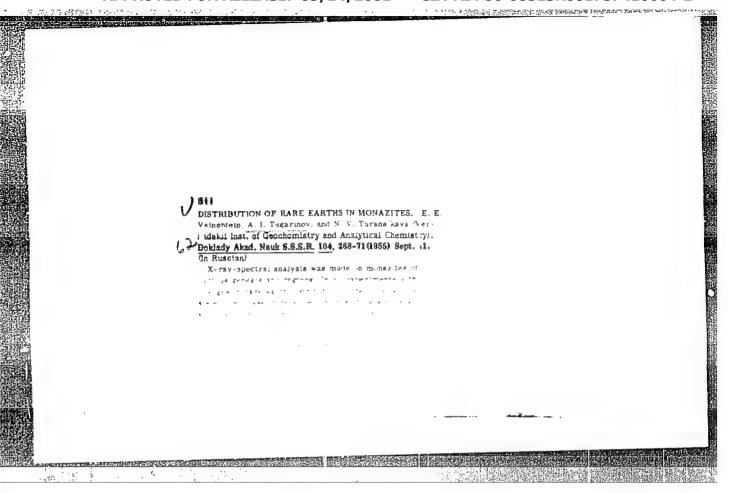
Presented by : Academician A.P. Vinogradov, July 6, 1954

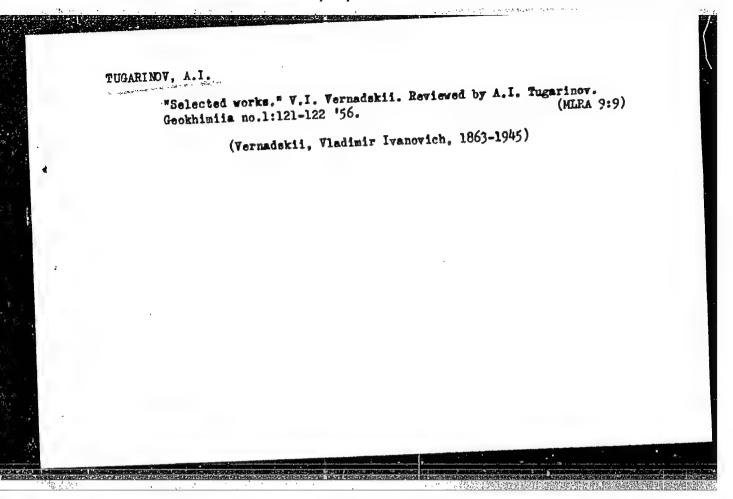
Relation between the isotope composition of load cres and rocks in some ore provinces. Netcd. opr. abc. votr. soil. obr. no.0211-16 164

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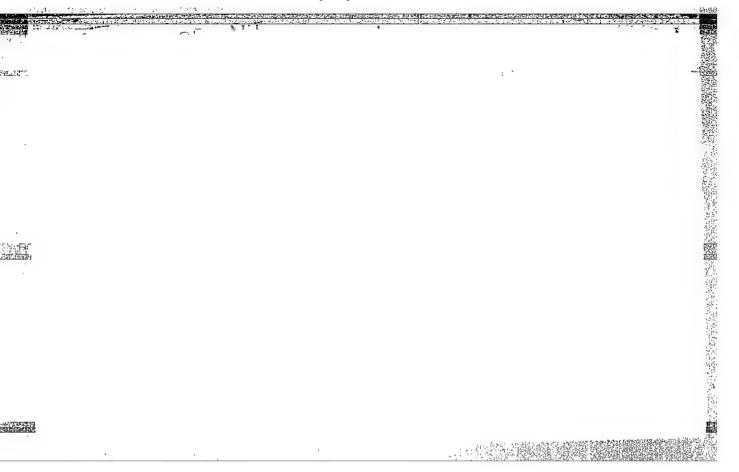


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D.

UGARINOV, A.I.

USSR/ Cosmochemistry. Geochemistry. Hydrochemistry

Abs Jour 😩 Referat Zhur - Khimiya, No 4, 1957, 11509

: Tugarinov A.I., Zykov S.I. Author

: Age and Geochemical Characteristics of Lead Ore Occurences of the Title

Ukraine

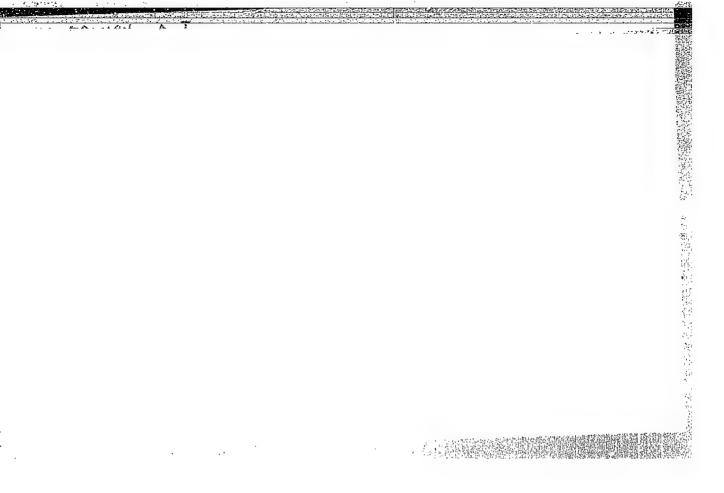
Orig Pub : Geokhimiya, 1956, 3, 42-46

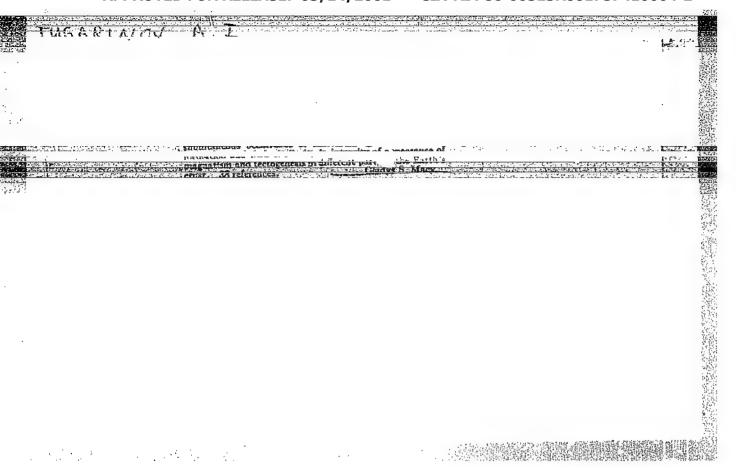
Abstract : The method of absolute age determination by isotope ratios of common Pb in galenites is discussed. Presented are theoretical curves: occurence

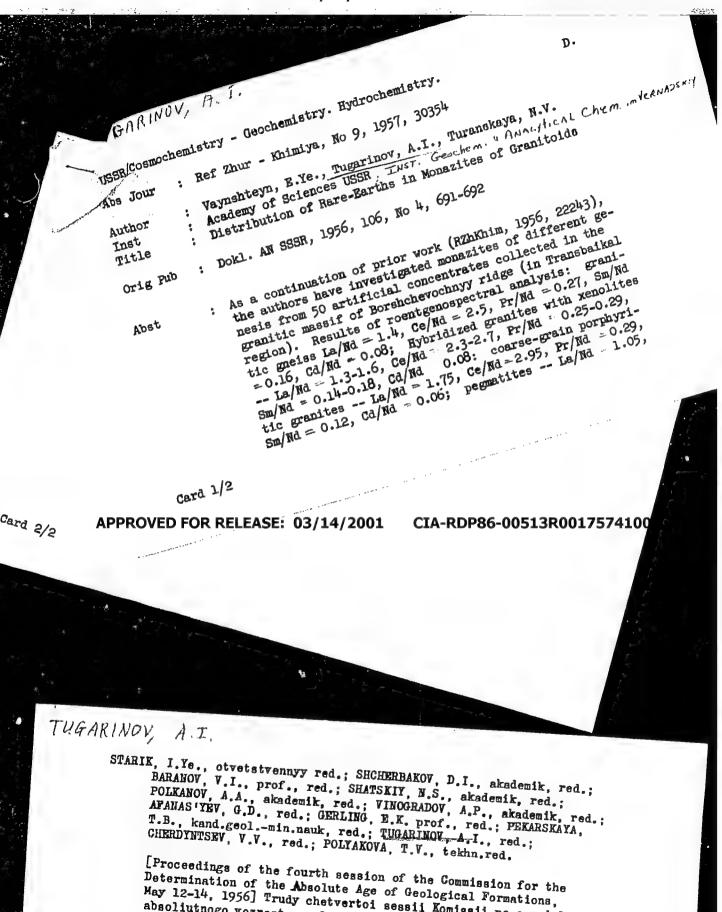
of Pb isotopes -- time and age of galenites. Comparison is made of mean isotope composition of lead of individual ore provinces of Varissian age. On the basis of experimental and theoretical data there is shown change in AcD/RaG and ThD/RaG of the lead of earth's crust and of Ukrainian galenites, with lapse of time Age of three galenite specimens determined from the ratios Pb 206 /Pb201; Pb207/Ph208/pb208/pb204 fs as follows: 2380 1 200; 1820 100; 970 200? The data obtained were found to be very close to the data of A.I. Vinogradov relating; to basic vulcanic

cycles of Ukrainian Pre-Cambrian.

1/1







1. Akademiya nauk SSSR. Komissiva no opradalanin

Moskva, 1957. 297 p.

May 12-14, 1956] Trudy chetvertoi sessii Komissii po opredeleniiu absoliutnogo vozrasta geologicheskikh formatsii; 12-14 maia 1955 g. TUGARINOV, A. I.,

Tugarinov, A. I., Zykov, S. I., Fedorova, V. A. - The Age Determination of Ukrainian Granitoids.

The Sixth Session of the Committee for Determining the Absolute Age of Geologic Formations at the Department of Geologic-Geographical Sciences (OGGN) of the USSR Academy of Sciences at Sverdlovsk in May 1957.

Izv. Ak Nauk SSSR, Ser. Geol., No. 1, 1958, p. 115-117 author Pekarskaya, T. B.

100HKIPUK, H.I

TUGARINOV, A. I.

Tugarinov. A. I. - The Suitability of Several Radioactive Menerals for the Age Determination.

The Sixth Session of the Committee for Determining the Absolute Age of Geologic Formations at the Department of Geologic-Geographical Sciences (OGGN) of the USSR Academy of Sciences at Sverdlovsk in May 1957.

Izv. Ak Nauk SSSR, Ser. Geol., No. 1, 1958, p. 115-117 author Pekarakaya, T. B.

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CIA-RDP86-00513R001757410004-2

ZHIROVA, V.V.; ZYKOV, S.I.; TUGARINOV, A.I.

Age of peguatites of the Slyndyanka region [with summary in English].

Geokhimita no.7:592-599 '57.

1. Institut geokhimit i analiticheskoy khimit im. V.I. Vernadskogo

(Slyndyanka region—Peguatites)

(Nuclear geophysics)

THARINOV. A.I.; ZYKOV. 3.I.

Using data of isotopic studies of lead to establish the origin of polymetallic deposits in the Gava-Sumsar region. Biul.Kom. pe opr.abs.vosr.geol.form. no.2:28-34 157. (MLRA 10:4)

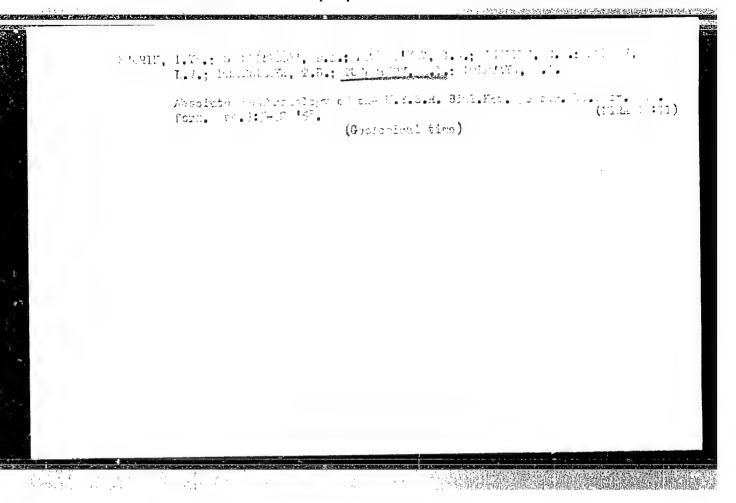
l. Institut geokhimii i analiticheskoy khimii im. V.I.Vernadskogo. (Gava region--Ore deposits) (Sumsar region--Ore deposits) (Lead--Isotopes)

VINOGRADOV, A.P.: TUGARINOV, A.I.: FEDDROVA, V.A.: ZIKOV, S.I.

Age of pre-Gambrian rocks of the Ukrains [with summary in English]
Report no.3 Geokhimiia no.7:559-565 '57. (MIRA 11:1)

1. Institut geokhimii i analiticheskoy khimii im. V.I. Vernadskogo
AN SSSR, Moskva.

(Ukraine--Geology, Stratigraphic) (Nuclear geophysics)



7-58-3-9/15

AUTHORS:

Vaynshteyn, E. Ye., Tugarinov, A. I., Tuzova, A. M., Shevaleyevskiy, I. D.

TITLE:

On the Hafnium Zirconium Ratio in Metamorphic and Metasomatic Rocks (O sootnoshenii gafniya i tsirkoniya v metamorficheskikh i metasomaticheskikh porodakh)

PERIODICAL:

Geokhimiya, 1958, Nr 3, pp. 241 - 244 (USSR)

ABSTRACT:

The distribution of zirconium and hafnium was investigated in 14 samples from the upper sequence of the Kriverozh yo Rogo -series. Five samples of them are from Sredneye Krivorozh'ye, nine samples from Severnoye Krivorozh The content was determined by means of X ray spectral analysis, the applied method was described already earlier by the authors (Ref 1). A table gives the content of the single samples of ZrO2; HfO2; as well as the zirconium oxide hafnium oxide ratio. This lies in metanorphic rocks between 20 and 40 (Sredneye Krivorozh've), In metasomatic rocks (Severnoye Krivorozh , especially in

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natron rocks, zirconium is enriched; the ratio to hafnium

On the Hafnium-Zirconium Ratio in Metamorphic and Metanomatic Rocks

7-58-3-9/15

oxide rises up to 112. In order to explain these differences, soms properties of zirconium and hafnium are compared in a small table (ion radius, ionization potential in eV, formation heat of the oxides). The differences in the migration capacity must, however, not be explained by the ion properties only, since these elements were complexes under natural conditions, e.g. as the rare earths as alkaline carbonate complexes. There are 2 tables and 2 references, 2 of which are

ASSOCIATION:

Institut geokhimii i analiticheskoy khimii im.V.I.Vernadskogo AN SSR, Moskva (Moscow Institute of Geochemistry and Analytical Chemistry imeni V.I. Vernadskiy, AS USSR)

SUBMITTED:

January 14, 1958

1. Rock-Analysis 2. Hafnium-Determination Determination 4. X-ray spectrum analyzers-Applications 3. Zirconium---

Card 2/2

7-58-3-10/15

AUTHORS:

Vaynshteyn, E. Ye., Sidorenko, G. A., Tugarinov, A. I.,

Turanskaya, N. V.

TITLE:

On the Ratio of Individual Rare Earths in Gadolinite (O soot-

noshenii individual'nykh redkikh zemel' v gadolinite)

PERIODICAL:

Ceokhimiya, 1958, Nr 3, pp. 245 - 247 (USSR)

ABSTRACT:

Five samples of gadolinite from Sweden (Ytterby/Itterbi/ Nr 51372; Ytterby Nr 3, Ytterby Nr 51374), Norway (Khittero Nr 51366) and of northern Caucasus (river Indysh, sample of G.D.Afanasyev) were investigated by means of X-ray spectral analysis as well as radiographically. The first table gives the relative content in the case of the individual rare earths for the individual samples with respect to the element neodynium.

The second table contains the measuring results from the

debyegrams of four samples. The obtained results show that the ratio of the cerium earths is comparatively constant, whereas the ratio of the yttrium oxides is subjected to small fluctua-

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tions. These fluctuations do, however, not influence the

On the Ratio of Individual Rare Earths in Gadolinite 7-58-3-1c/15

> structure of the mineral, as is shown by the X-ray diagrams; the absence of several lines of secondary importance in two samples points out a partial destruction of the crystal lattice. The constancy of the structure parameters of gadolinite and its close paragenetic association with yttrium-containing minerals renders the existence of cerogadolinite rather dubious. There are 2 tables and 4 references, 3 of which are Soviet.

Institut geokhimii i analiticheskcy khimii im. V. I. Vernadskogo, ASSOCIATION:

AN USSR, Moskva (Moscow Institute of Geochenistry and Ana-

lytical Chemistry imeni V.I. Vernadskiy, AS USSR) SUBMITTED: January 10, 1958

> 1. Gadolinits-Analysis 2. Rare earths - Determination

3. X-ray spectrum analyzers Applications

Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410004-2"

5(0)AUTHOR:

Tugarinov, A. I.

SOV/7-58-6-16/16

TITLE:

The X. Congress of Mining Engineers and Metallurgists in the Freiberg Mining Academy (X s"yezd gornyakov i metallurgov

v gornoy akademii g. Frayberga)

PERIODICAL:

Geokhimiya, 1958, Nr 6, pp 612 - 612 (USSR)

ABSTRACT:

The annual congress took place in Freiberg (German Democratic Republic) from May 28 to 31. It was organized by the Freiberg Mining Academy. 1800 guests participated, among them were 200 from the German Federal Republic (Federativnaya Respublika Germanii) and numerous European and Asiatic countries. On the plenary session Professor Ye. Sadetskiy-

Kardosh spoke about "Rare elements and geochemistry". The following geological reports were delivered among many others: Professor Ye. Kraus (Munich), "The asymmetrical development of orogens"; Professor Ye. Bederke (Goettingen), "On the age of regional metamorphism in the West Alps".

Professor Dimitrov (Sofiya, Bolgariya) spoke about the "Metamorphic complexes in Bulgaria", Professor V. Marmo

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(Otaniemi, Finlyandiya) spoke about granites and ore formations. Professor Shril' (Garts) reported on observations of

The X. Congress of Mining Engineers and Metallurgists in the Freiberg Mining Academy

SOV/7-58-6-16/16

ore redepositions in Hercynian deposits. In their report "On the age of granites and cres of Saxony", A. P. Vinogradov, A. I. Tugarinov, V. V. Zhirova, S. I. Zykov, K. G. Knorre and V. I. Lebedev delivered information on absolute determinations by means of radiometric methods. During the congress geological excursions were undertaken.

Card 2/2 USCOMM-DC_60911

3(5) AUTHORS:

SOV/7-59-6-11/17 Tugarinov, A. I., Zykov, S. I., Zhirova, V. V., Knorre, K. G.

TITLE:

On the Age of the Oldest Rocks of the Antarctic Continent

PERIODICAL:

Geokhimiya, 1959, Nr 6, pp 555 - 556 (USSR)

ABSTRACT:

The Soviet sector of the Antarctic continent contains rocks which, according to geological investigations, belong to the Archeozoic time. Ye. I. Chervov, collaborator of the Antarkticheskaya ekspeditsiya (Antarctic Expedition) placed specimens of orthite, biotite, and muscovite at the authors' disposal for the purpose of age determination. The specimens were taken from the pegmatite veins which penetrate through gneisses and iron quartzites in the area of was Mirnyy. The investigation of orthite rendered the following results:

 Pb^{206}/U^{238} 1190 million years old, Pb^{208}/Th^{232} 1350 million

years old, (Pb^{207}/U^{235}) 800 million years old). The content of radiogenic Pb²⁰⁷ is very low. The most favorable results are to be expected with the two first ratios. According to the K/Armethod the age of mica was the following: biotite 1330 million years old, muscovite 1280 million years old. Magmatic activity

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On the Age of the Oldest Rocks of the Antarctic Continent SOV/7-59-6-11/17

in this area is, therefore, 1300 ± 100 million years old. This corresponds to the conditions on the neighboring continents: Isa Mine (Isa Mayn), Australia, 1190 million years, Kagadi, Africa, 1370 million years. There are 2 tables and 1 American reference.

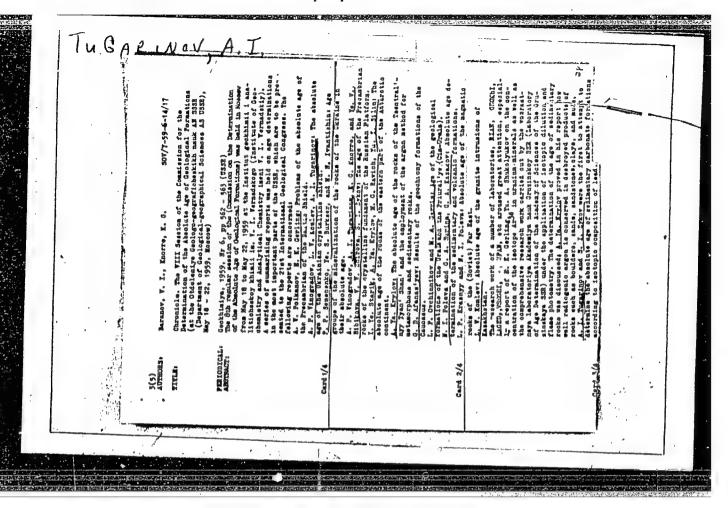
ASSOCIATION: Institut geokhimii i analiticheskoy khimii im. V. I. Vernads-

kogo AN SSSR, Moskva (Institute of Geochemistry and Analytical

Chemistry imeni V. I. Vernadskiy of the AS USSR, Moscow)

SUBMITTED: April 17, 1959

Card 2/2



s/081/61/000/022/013/076 B102/B108

AUTHORS:

Tugarinov, A. I., Vaynshteyn, E. Ye.

TITLE:

Rare earths in rocks

PERIODICAL:

Referativnyy zhurnal. Khimiya, no. 22, 1961, 84, abstract 22G14 (Sb. "Geokhim. tsikly", M., Gosgeoltekhizdat, 1960,

65-77)

TEXT: The fundamental laws of distribution of rare earths (RE) in rocks are considered. Many data on the RE content in rock-forming and accessory minerals of various rock complexes are given. Their principal accumulation in intrusions of the acid series was recorded. Emphasis is laid on the direct connection between RE and alkaline accumulation in rest of magmatic fusion, as well as on their simultaneous segregation as accessory minerals and field spars and recent mica. Mineral formation of postmagmatic alkaline metasomatism is represented as a scheme which verifies the initial separation of doubly ceric RE minerals H and, in later periods, of Y-containing minerals composed of mainly neodymium with strongly reduced La and Ce content. The following RE distribution was Card 1/2

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Rare earths in rocks

S/081/61/000/022/013/076 B102/B108

observed in deposit rocks: In argilladeous rocks, the elements of the Y and Ce groups are concentrated at an equal degree, in phosphate deposits, the Y group is predominant and in carbonate strata the Ce group of the RE. The main factors which determine the conditions of migration, concentration and segregation of RE are considered: crystal-chemical, "kinetic", and geochemical factors. The most probable form in which the RE migrate compounds of the type Na₃ [RE(CO₃)₃], which were experimentally detected under normal conditions as well as at 300°C and 300 atm. In the case of a reduced pH of the alkali carbonate solution, RE of the Ce group the RE deposition sequence of RE from different solutions by different precipitants is given. In the authors' opinion, La and Y may be used as sensitive indicators of processes causing deposition and segregation of RE. It is assumed that several intrusions of certain RE groups are [Abstracter's note: Complete translation.]

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TUGAR INOV, A. I.; SHCHERBAKOVA, R. N.; BEDRINOV, V. P.

Isotopic composition of lead in lead ores of the Dniester Valley. Geokhimia no.4:298-304 60. (MIRA 13:10)

1. V.I. Vernadeky Institute of Geochemistry and Analytical Chemistry, Academy of Sciences, U.S.S.R., Moscow.

(Dniester Valley-Lead-Isotopes)

VINOGRADOV, A.P.; TUDARINOV, A.I.; ZYKOV, S.I.; STUPNIKOVA, N.I.

Age of pegmatites of the Stanovoy complex. Geokhimia no.5:383-391 160. (MIRA 13:8)

Complete Commence of the Comme

l. Institut geokhimii i anliticheskoy khimii im. V.I.Vernadskogo AN SSSR, Moskva i Kafodra geokhimii Moskovskogo gosudarstvennogo universiteta im. M.V.Iomonosova.

(Stanovoy Range—Pegmatites)

(Geological time)

VINOGRADOV, A.P.; TUGARINOV, A.I.; ZYKOV, S.I.; STUPNIKOVA, N.I.

Age of rocks of the Aldan Shield. Geokhimia no.7:563-569 60. (MIRA 13:11)

1. V.I.Vernadsky Institute of Geochemistry and Analytical Chemistry, Academy of Sciences, U.S.S.R., Moscow, and Chair of Geochemistry of the M.V. Lomonosov Moscow State University.

(Aldan Plateau-Rocks-Ages)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410004-2"

LI PU [Li P'u]; CHEN YU-CHI [Cheng Yu-ch'ih]; TU GON-CHZHI;
TUGARIHOV, A.I.; ZYKOV, S.I.; STUPMIKOVA, N.I.; POLEVAYA,
H.I.; HRAMUT, S.B.

Absolute age of rocks in the Chinese People's Republic,
Geokhimiia no.71570-585 '60. (MIRA 13:11)

(China--Rocks--Age)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410004-2"